

Function	Measuring range	Resolution	Accuracy
Insulation resistance	0 k Ω ... 999 k Ω	1 k Ω	$\pm(5\%$ of reading + 3 digits)
	1.00 M Ω ... 9.99 M Ω	10 k Ω	$\pm(5\%$ of reading + 3 digits)
	10.0 M Ω ... 99.9 M Ω	100 k Ω	$\pm(5\%$ of reading + 3 digits)
	100 M Ω ... 999 M Ω	1 M Ω	$\pm(5\%$ of reading + 3 digits)
	1.00 G Ω ... 9.99 G Ω	10 M Ω	$\pm(5\%$ of reading + 3 digits)
	10.0 G Ω ... 99.9 G Ω	100 M Ω	$\pm(5\%$ of reading + 3 digits)
	100 G Ω ... 999 G Ω	1 G Ω	$\pm(5\%$ of reading + 3 digits)
	1.00 T Ω ... 5.00 T Ω	10 G Ω	$\pm(5\%$ of reading + 3 digits)
Test voltage	0 V ... 5500 V	1 V	$\pm(3\%$ of reading + 3 V)
Insulation leakage current	0.00 nA ... 9.99 nA	0.01 nA	$\pm(5\%$ of reading + 0.05 nA)
	10.0 nA ... 99.9 nA	0.1 nA	
	100 nA ... 999 nA	1 nA	
	1.00 μ A ... 9.99 μ A	10 nA	
	10.0 μ A ... 99.9 μ A	100 nA	
	100 μ A ... 999 μ A	1 μ A	
	1.00 mA ... 1.54 mA	10 μ A	
	Dielectric absorption ratio (DAR)	0.01 ... 9.99	
10.0 ... 100.0		0.1	$\pm 5\%$ of reading
Polarization index (PI)	0.01 ... 9.99	0.01	$\pm(5\%$ of reading + 2 digits)
	10.0 ... 100.0	0.1	$\pm 5\%$ of reading
Dielectric discharge (DD)	0.01 ... 9.99	0.01	$\pm(5\%$ of reading + 2 digits)
	10.0 ... 100.0	0.1	$\pm 5\%$ of reading
Voltage AC / DC	0 V ... 600 V	1 V	$\pm(3\%$ of reading + 3 V)
Frequency	45.0 Hz ... 65.0 Hz	0.1 Hz	± 0.2 Hz
Capacitance	0.0 nF ... 99.9 nF	0.1 nF	$\pm(5\%$ of reading + 2 digits)
	100 nF ... 999 nF	1 nF	
	1.00 μ F ... 50.00 μ F	10 nF	
Battery power supply	6 x 1.2 V NiMH rechargeable batteries, type C		
Display	Matrix LCD with backlight, 160 x 116 dots		
Overvoltage category	CAT III / 600 V		
Protection class	Double insulation		
COM port	RS232 (optional USB with serial converter)		
Dimensions	265 x 110 x 185 mm		
Weight	2.1 kg		